## INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09G3/34								
	International Patent Classification (IPC) or to both national classification	ion and IPC						
	SEARCHED currentation searched (classification system followed by classification	n symbols)						
IPC 7	G09G							
Documental	ion searched other than minimum documentation to the extent that su	ch documents are included in the fields se	arched					
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used						
EPO-In	ternal, WPI Data, PAJ, INSPEC, COMPE	NDEX						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.					
<b>X</b>	EP 1 213 699 A (HITACHI LTD; HIT DEVICE ENG (JP)) 12 June 2002 (20 paragraphs '0004!, '0092!, '0096 '0095!, '0110!, '0111!, '0119! - '0139!, '0173!, '0181! - '018 '0289!; figures 2,5,17-28	1,2,5,6						
X ·	US 4 958 915 A (INABA YUTAKA ET 25 September 1990 (1990-09-25) column 1, line 42 - column 1, lin column 5, line 50 - column 5, lin column 11, line 30 - column 11, l figures 5,19	1-8						
A	US 2002/149576 A1 (OKADA TAKASHI 17 October 2002 (2002-10-17) paragraphs '0016!, '0070!, '011 figures 4,8	1–8						
Further documents are listed in the continuation of box C.  Patent family members are listed in annex.								
"A" docum consider affiling of the cliation of there are a country which cliation there are a country of the cliation and the cliation of the cliation of the cliation of the cliation are a country of the cliation are a country	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family						
Date of the	actual completion of the international search	Date of mailing of the international sea	arch report					
2	23 July 2004	02/08/2004						
Name and mailing address of the ISA		Authorized officer						
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Kunze, H						

## IN I EKINA HUNAL SEARCH REPURI Information on patent family members

tional Application No
'IB2004/050247

				ł		
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1213699	A	12-06-2002	JP	2003050569	Α	21-02-2003
<b>-</b>			CN	1356681	Α	03-07-2002
			EΡ	1213699	A2 .	12-06-2002
			US	2002067332	A1	06-06-2002
US 4958915	Α	25-09-1990	JP	1758991		20-05-1993
			JP	4046409	В	29-07-1992
			JP	62014115	Α	22-01-1987
			JP	1758997	С	20-05-1993
			JP	4042652	В	14-07-1992
			JP	62094827	Α	01-05-1987
			JP	1758998	C	20-05-1993
•			JP	4042653	В	14-07-1992
			JP	62094828	Α	01-05-1987
			JР	1758999	C	20-05-1993
			JP	4042654	В	14-07-1992
			JP	62094829	Α	. 01-05-1987
			JР	62100738	Α	11-05-1987
			DE	3623514	A1	29-01-1987
			FR	. 2584845		16-01-1987
			GB	2178581	A ,B	11-02-1987
US 2002149576	A1	17-10-2002	CN	1379386	Α	13-11-2002
		•	EP	1253577	A1	30-10-2002
			JP	3492670	B2 ·	03-02-2004
			JP	2002366124	Α	20-12-2002
			SG	103340	A1	29-04-2004
			TW	546624	В	11-08-2003